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Response Under 37 CFR §1.116  
Expedited Procedure  
Examining Group 1641

ZAN  
AF

CASE D0018 NP

[Atty. docket no. 3035-4086US1]

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Keith R. Lange  
Type or print name

  
Signature

May 4, 2005  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**IN RE APPLICATION OF**

**WEAVER ET AL.**

**APPLICATION NO: 09/900,627**

**FILED: JULY 6, 2001**

**FOR: ELECTROPHYSIOLOGY CONFIGURATION SUITABLE FOR HIGH  
THROUGHPUT SCREENING OF COMPOUNDS FOR DRUG  
DISCOVERY**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AFTER FINAL REJECTION**

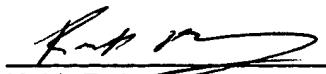
Sir:

This is in response to the Office Action dated February 22, 2005, a reply to which is due May 2, 2005. Accordingly, this response is deemed to be timely filed and no fee is believed to be due. However, if any fee is deemed to be due, The Commissioner is hereby authorized to charge any such fees or credit any overpayments to Account No. 19-3880 in the name of Bristol-Myers Squibb Company.

**Amendments to the Claims** begin at page 2 of this paper.

**Remarks** begin at page 18 of this paper.

Respectfully submitted,

  
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Date: May 4, 2005